

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PHUS020069W0</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/IB 03/ 00789</b>	International filing date (day/month/year) <b>04/03/2003</b>	(Earliest) Priority Date (day/month/year) <b>05/03/2002</b>
Applicant  <b>KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**METHOD AND SYSTEM FOR LAYERED VIDEO ENCODING**

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1  
☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/00789

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04N7/26 H04N7/50

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 49412 A (ATSUMI EIJI ;MITSUBISHI ELECTRIC CORP (JP); FARVARDIN NARIMAN (US)) 30 September 1999 (1999-09-30) page 21, line 7 -page 23, line 1 page 44, line 25 -page 45, line 13 figures 7A-7C	1-3,5-13
Y	---	4
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

30 October 2003

Date of mailing of the international search report

06/11/2003

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/00789

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	VAN DER SCHAAR M ET AL: "Content-based selective enhancement for streaming video" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2001. THESSALONIKI, GREECE, OCT. 7 - 10, 2001, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY: IEEE, US, vol. 1 OF 3. CONF. 8, 7 October 2001 (2001-10-07), pages 977-980, XP010563929 ISBN: 0-7803-6725-1 the whole document	4
A	---	1-3,5-13
A	LI W: "FINE GRANULARITY SCALABILITY IN MPEG-4 FOR STREAMING VIDEO" ISCAS 2000. PROCEEDINGS OF THE 2000 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS. GENEVA, SWITZERLAND, MAY 28-31, 2000, IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS, NEW YORK, NY: IEEE, US, vol. 5 OF 5, 2000, pages 299-302, XP000965729 ISBN: 0-7803-5483-4 paragraph '04.1!	1-13
A	---	
A	US 2002/006161 A1 (RADHA HAYDER ET AL) 17 January 2002 (2002-01-17) paragraph '0024! - paragraph '0026! figure 2A	1-13
A	---	
A	US 2001/016008 A1 (BAHL PARAMVIR ET AL) 23 August 2001 (2001-08-23) paragraph '0037! paragraph '0042! figure 6	1-3,5-13
A	---	
A	WO 01 91454 A (KONINKL PHILIPS ELECTRONICS NV) 29 November 2001 (2001-11-29) page 1, line 28 -page 2, line 2 page 4, line 1 - line 8 figure 2	1-13
P,A	---	
P,A	US 2002/080878 A1 (LI WEIPING) 27 June 2002 (2002-06-27) paragraph '0012!	1-13
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/00789

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9949412	A	30-09-1999	WO 9949413 A1	30-09-1999
			AU 6441398 A	18-10-1999
			AU 9480898 A	18-10-1999
			CN 1291314 T	11-04-2001
			EP 1062625 A1	27-12-2000
			EP 1062623 A1	27-12-2000
			JP 2002508607 T	19-03-2002
			WO 9949412 A1	30-09-1999
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			US 2002181580 A1	05-12-2002
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WO 0191454	A	29-11-2001	US 6501397 B1	31-12-2002
			CN 1406431 T	26-03-2003
			WO 0191454 A2	29-11-2001
			EP 1290868 A2	12-03-2003
US 2002080878	A1	27-06-2002	NONE	